

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012623\
 Data File : VX033910.D
 Acq On : 26 Jan 2023 15:33
 Operator : JC/MD
 Sample : 01323-05 2000X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LEA-5I

Quant Time: Jan 27 02:55:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011123W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 11 14:48:42 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

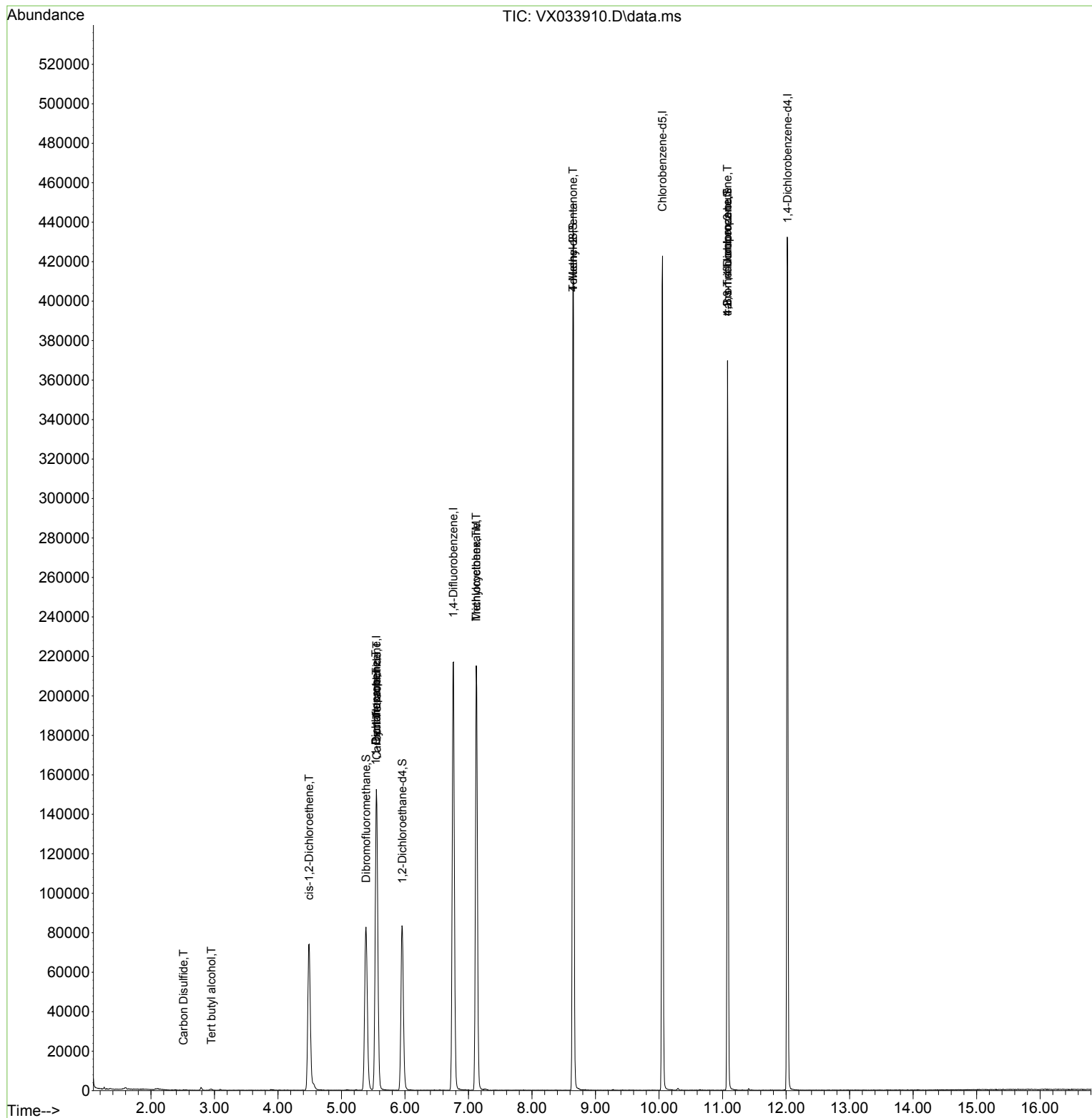
Internal Standards						
1) Pentafluorobenzene	5.550	168	166879	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	239848	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	213491	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	102259	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	80262	45.679	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.360%
35) Dibromofluoromethane	5.385	113	73821	49.567	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.140%
50) Toluene-d8	8.647	98	272654	50.246	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.500%
62) 4-Bromofluorobenzene	11.079	95	94177	46.744	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.480%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.953	59	396	1.297	ug/l #	86
16) Acetone	2.380	43	314	Below Cal	#	47
17) Carbon Disulfide	2.514	76	207	1.880	ug/l #	76
20) Methylene Chloride	2.788	84	567	Below Cal	#	86
27) cis-1,2-Dichloroethene	4.489	96	51001	27.946	ug/l	89
31) Cyclohexane	5.550	56	2458	0.951	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	9825	4.520	ug/l #	48
37) Ethyl Acetate	4.550	43	53	Below Cal	#	68
38) Carbon Tetrachloride	5.556	117	14011	6.224	ug/l #	14
39) Methylcyclohexane	7.123	83	972	0.362	ug/l #	1
44) Trichloroethene	7.123	130	90922	51.320	ug/l	98
51) 4-Methyl-2-Pentanone	8.647	43	1085	0.515	ug/l #	1
64) Tetrachloroethene	9.281	164	49	Below Cal	#	1
73) Isopropylbenzene	11.079	105	112	Below Cal	#	48
76) 1,2,3-Trichloropropane	11.079	75	43717	23.268	ug/l #	34
79) 2-Chlorotoluene	11.311	91	41	Below Cal	#	39
81) trans-1,4-Dichloro-2-b...	11.079	75	43717	72.314	ug/l #	8
82) 4-Chlorotoluene	11.457	91	60	Below Cal	#	43

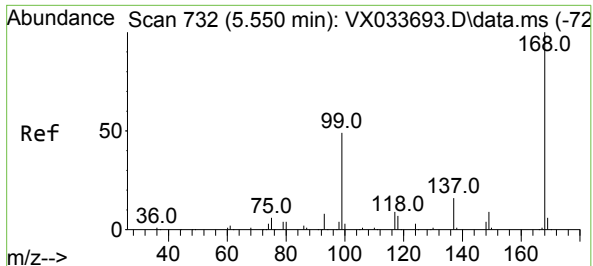
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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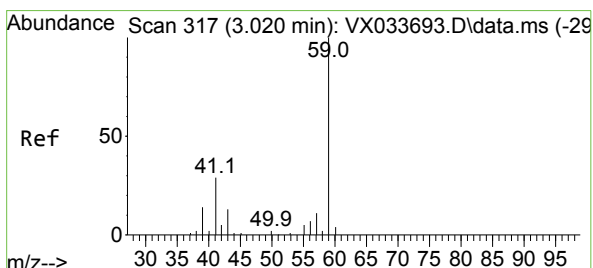
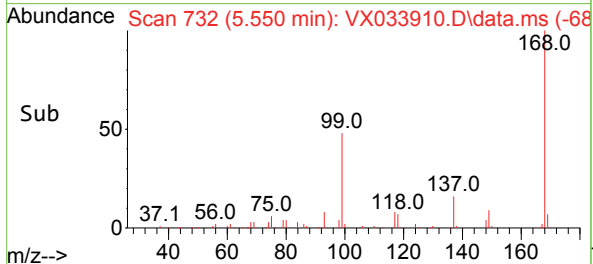
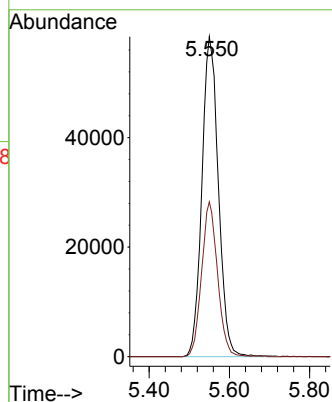
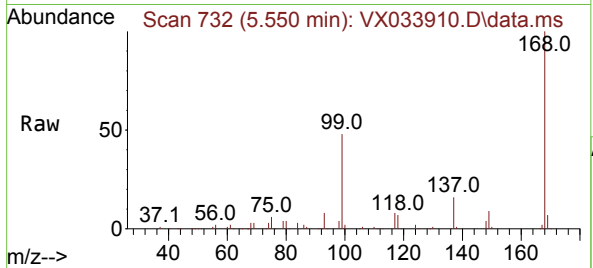




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033910.D
Acq: 26 Jan 2023 15:33

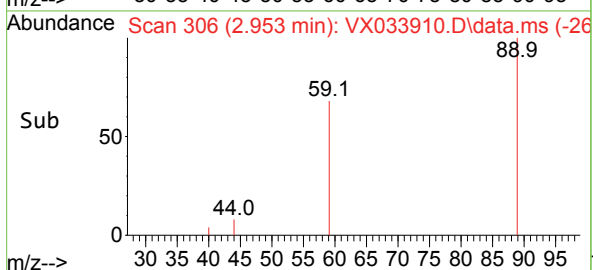
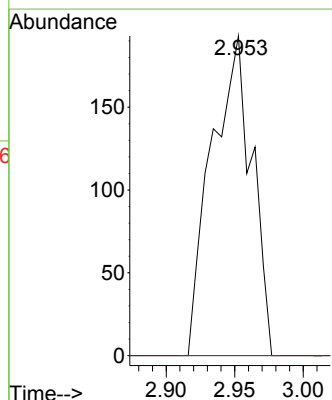
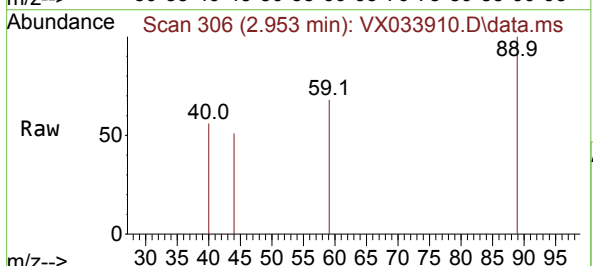
Instrument :
MSVOA_X
ClientSampleId :
LEA-5I

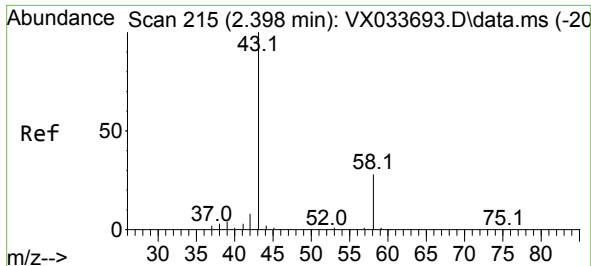
Tgt Ion:168 Resp: 166879
Ion Ratio Lower Upper
168 100
99 48.4 39.6 59.4



#11
Tert butyl alcohol
Concen: 1.297 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.067 min
Lab File: VX033910.D
Acq: 26 Jan 2023 15:33

Tgt Ion: 59 Resp: 396
Ion Ratio Lower Upper
59 100
57 0.0 3.7 5.5#

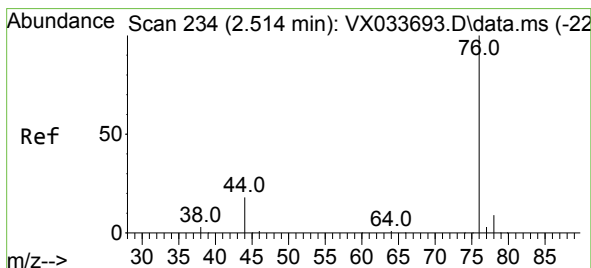
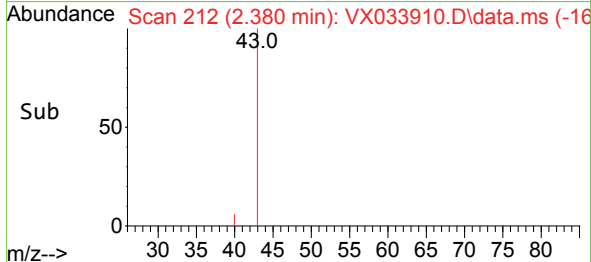
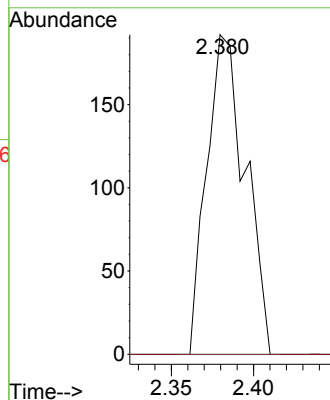
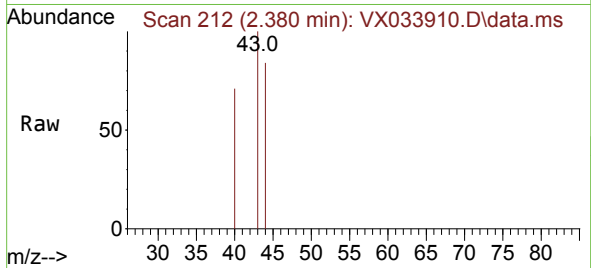




#16
Acetone
Concen: Below Cal
RT: 2.380 min Scan# 215
Delta R.T. -0.018 min
Lab File: VX033910.D
Acq: 26 Jan 2023 15:33

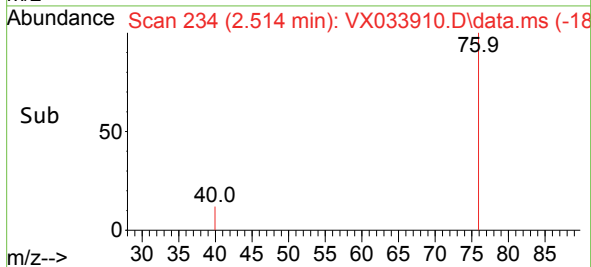
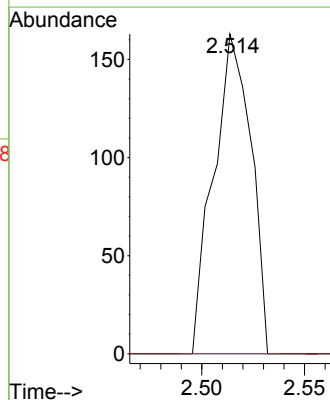
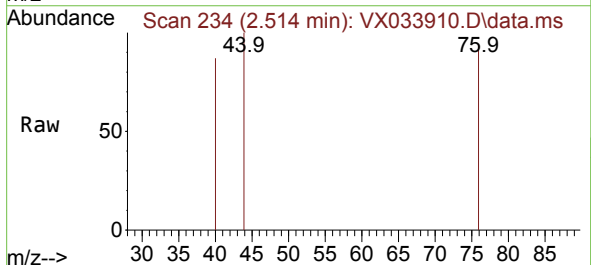
Instrument :
MSVOA_X
ClientSampleId :
LEA-5I

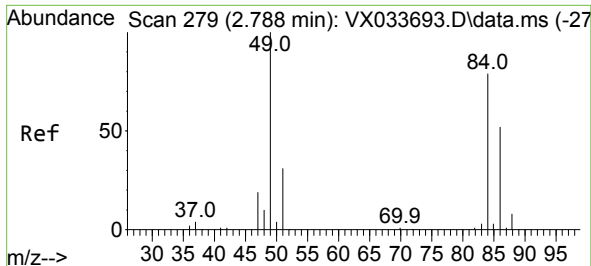
Tgt Ion: 43 Resp: 314
Ion Ratio Lower Upper
43 100
58 0.0 22.6 33.8#



#17
Carbon Disulfide
Concen: 1.880 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX033910.D
Acq: 26 Jan 2023 15:33

Tgt Ion: 76 Resp: 207
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#

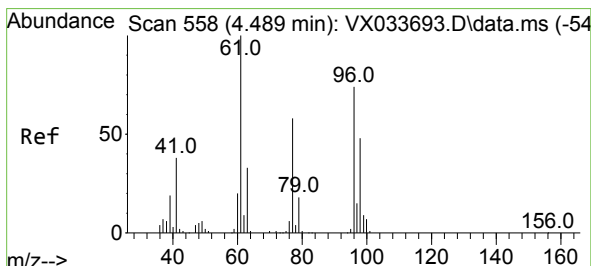
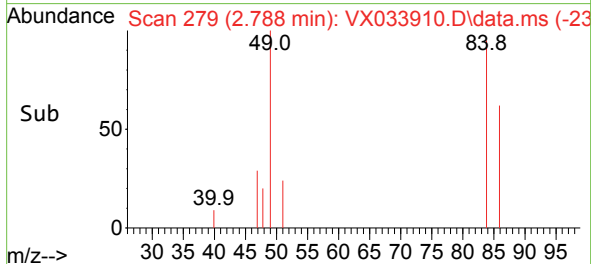
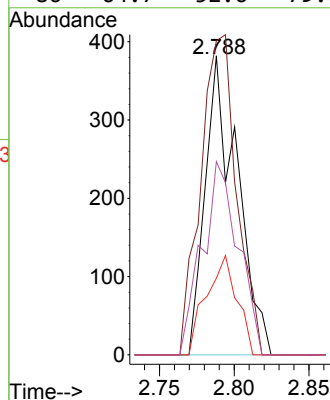
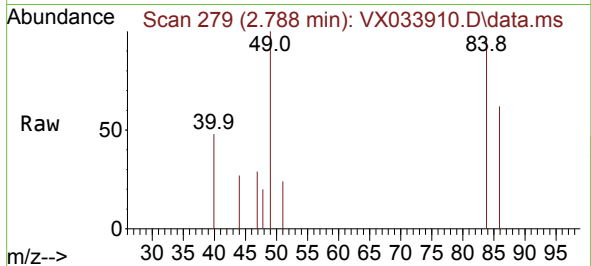




#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX033910.D
Acq: 26 Jan 2023 15:33

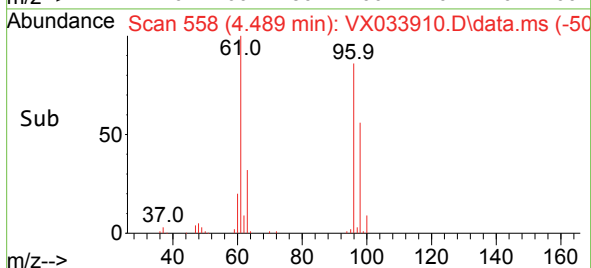
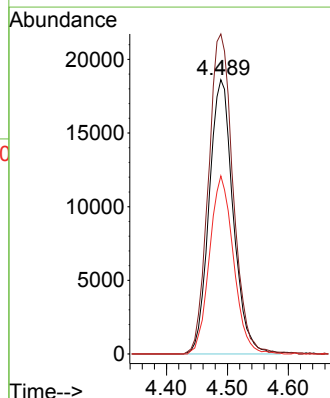
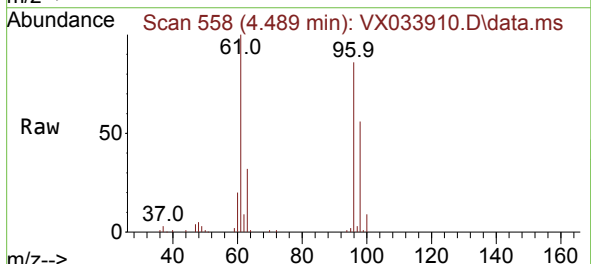
Instrument :
MSVOA_X
ClientSampleId :
LEA-5I

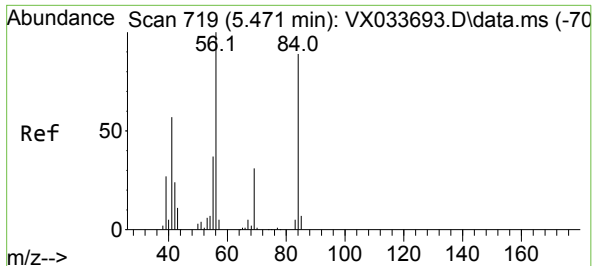
Tgt Ion:	84	Resp:	567
Ion	Ratio	Lower	Upper
84	100		
49	105.0	101.1	151.7
51	25.7	31.0	46.6#
86	64.7	52.6	79.0



#27
cis-1,2-Dichloroethene
Concen: 27.946 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.000 min
Lab File: VX033910.D
Acq: 26 Jan 2023 15:33

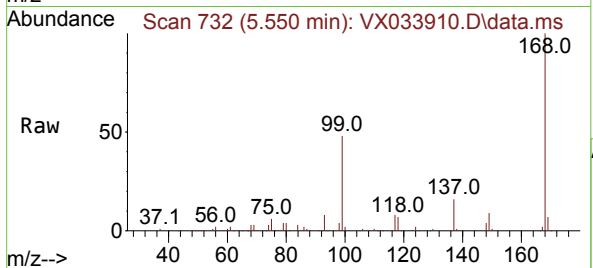
Tgt Ion:	96	Resp:	51001
Ion	Ratio	Lower	Upper
96	100		
61	120.1	0.0	277.6
98	64.7	0.0	128.0



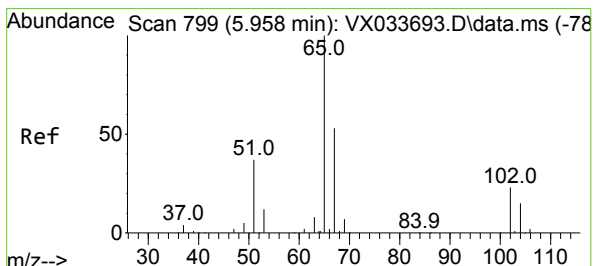
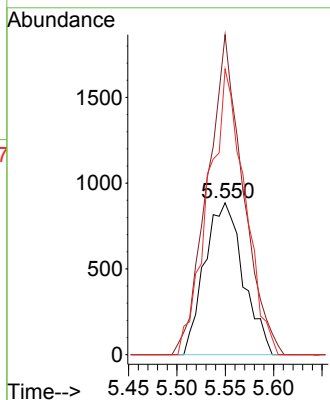
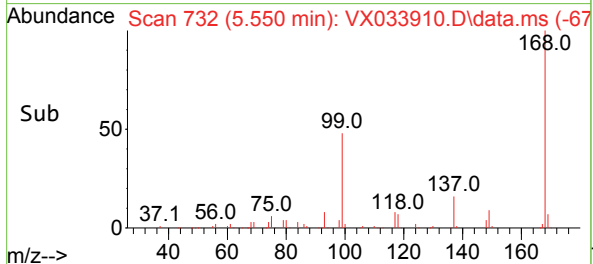


#31
Cyclohexane
Concen: 0.951 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX033910.D
Acq: 26 Jan 2023 15:33

Instrument :
MSVOA_X
ClientSampleId :
LEA-5I

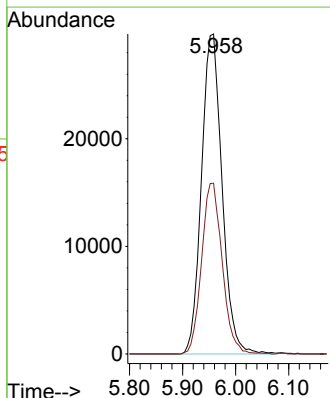
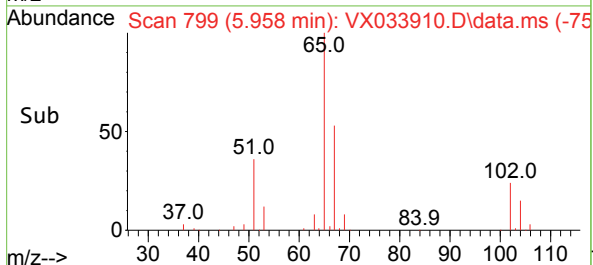
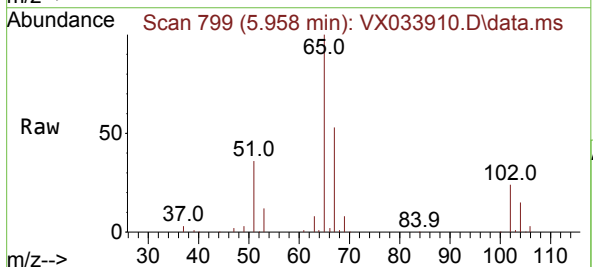


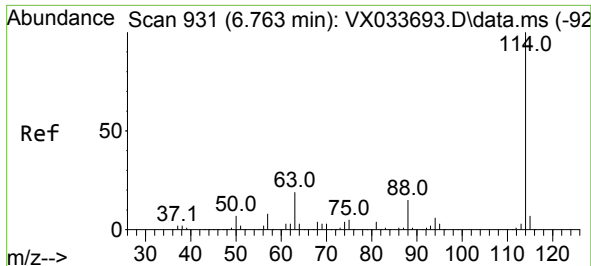
Tgt Ion: 56 Resp: 2458
Ion Ratio Lower Upper
56 100
69 205.0 24.6 37.0#
84 188.1 71.0 106.6#



#33
1,2-Dichloroethane-d4
Concen: 45.679 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX033910.D
Acq: 26 Jan 2023 15:33

Tgt Ion: 65 Resp: 80262
Ion Ratio Lower Upper
65 100
67 53.4 0.0 104.8

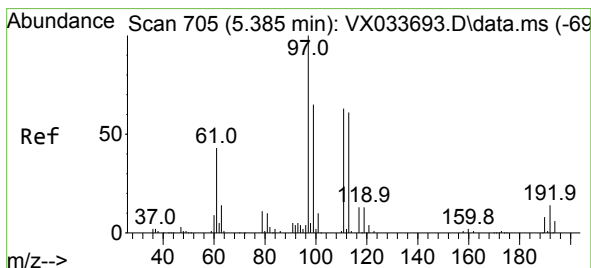
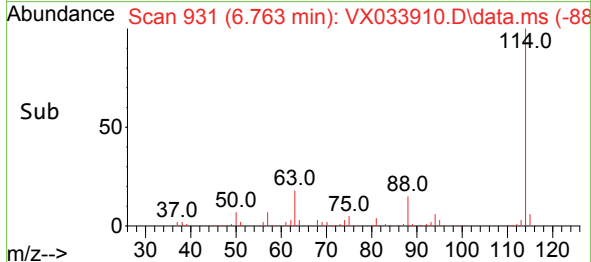
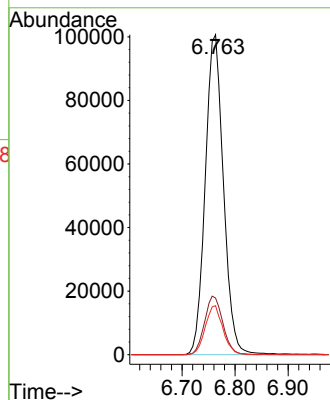
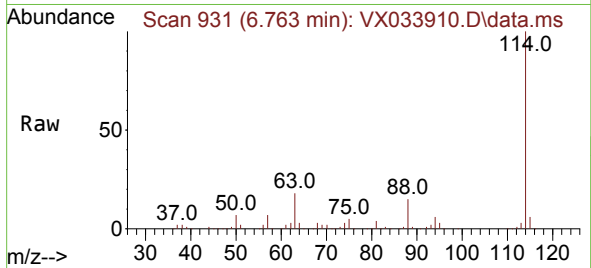




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX033910.D
Acq: 26 Jan 2023 15:33

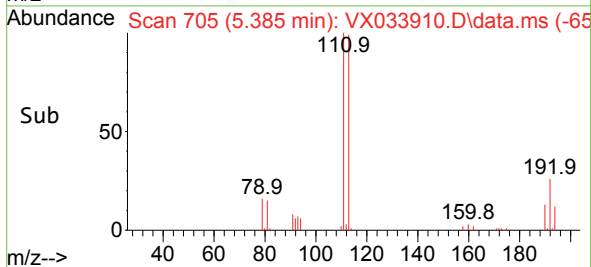
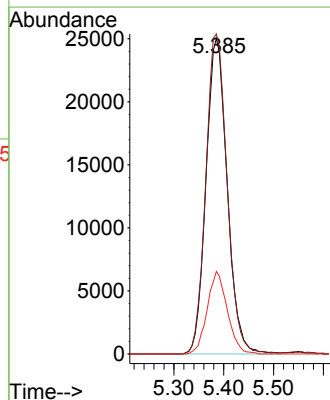
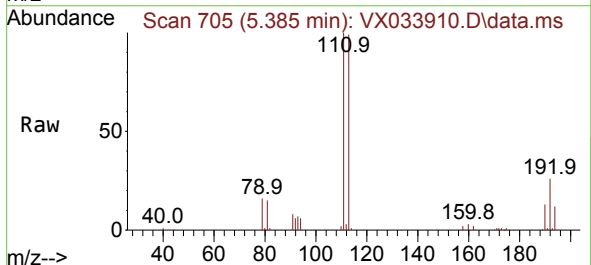
Instrument :
MSVOA_X
ClientSampleId :
LEA-5I

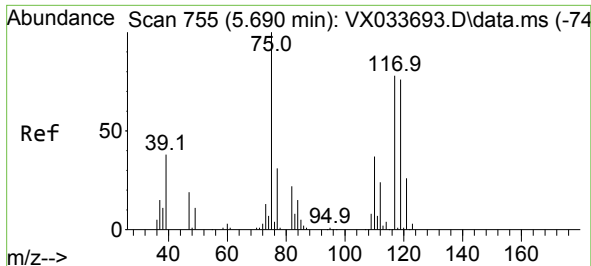
Tgt Ion:114 Resp: 239848
Ion Ratio Lower Upper
114 100
63 17.7 0.0 37.4
88 15.3 0.0 30.6



#35
Dibromofluoromethane
Concen: 49.567 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX033910.D
Acq: 26 Jan 2023 15:33

Tgt Ion:113 Resp: 73821
Ion Ratio Lower Upper
113 100
111 102.2 83.0 124.6
192 24.8 19.0 28.4





#36

1,1-Dichloropropene

Concen: 4.520 ug/l

RT: 5.544 min Scan# 71

Delta R.T. -0.146 min

Lab File: VX033910.D

Acq: 26 Jan 2023 15:33

Instrument :

MSVOA_X

ClientSampleId :

LEA-5I

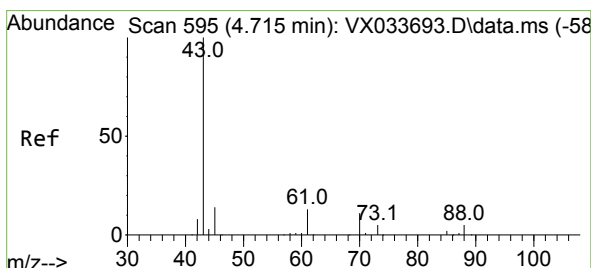
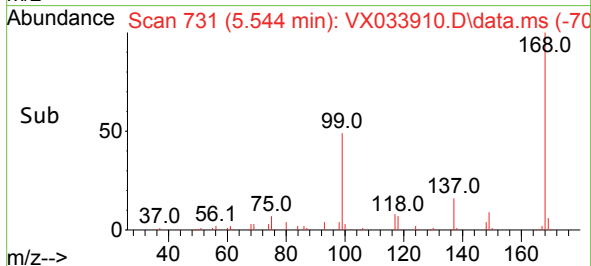
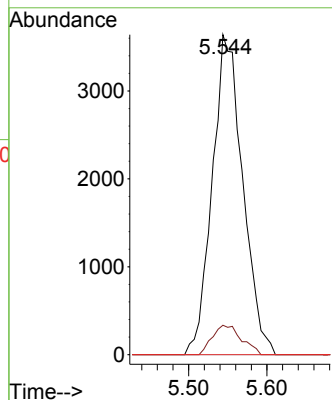
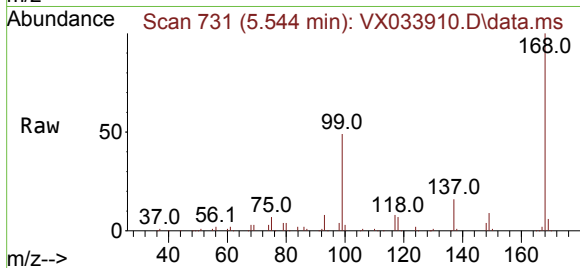
Tgt Ion: 75 Resp: 9825

Ion Ratio Lower Upper

75 100

110 8.8 18.8 56.4#

77 0.0 25.1 37.7#



#37

Ethyl Acetate

Concen: Below Cal

RT: 4.550 min Scan# 568

Delta R.T. -0.165 min

Lab File: VX033910.D

Acq: 26 Jan 2023 15:33

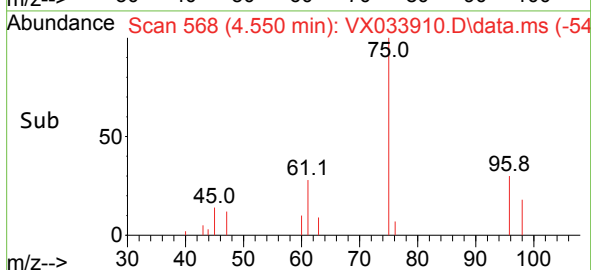
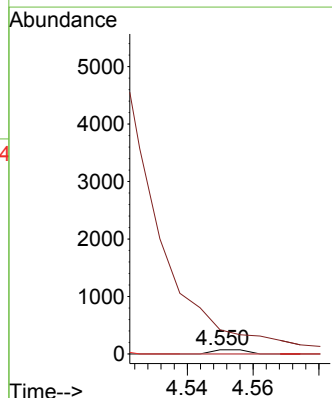
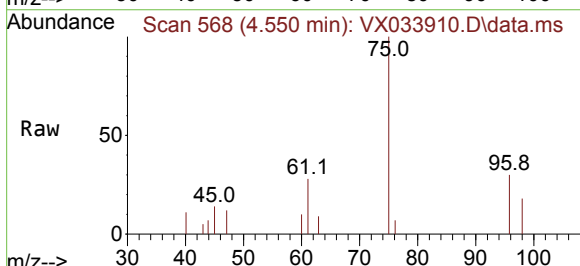
Tgt Ion: 43 Resp: 53

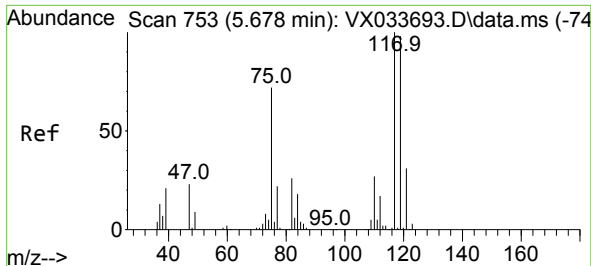
Ion Ratio Lower Upper

43 100

61 0.0 11.1 16.7#

70 0.0 8.5 12.7#





#38

Carbon Tetrachloride

Concen: 6.224 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.122 min

Lab File: VX033910.D

Acq: 26 Jan 2023 15:33

Instrument :

MSVOA_X

ClientSampleId :

LEA-5I

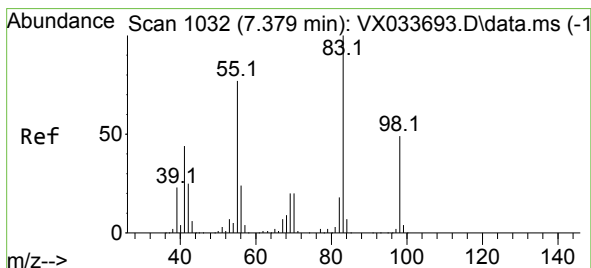
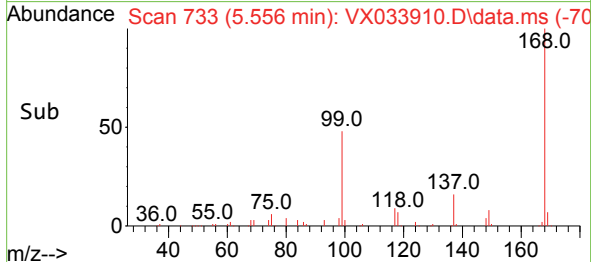
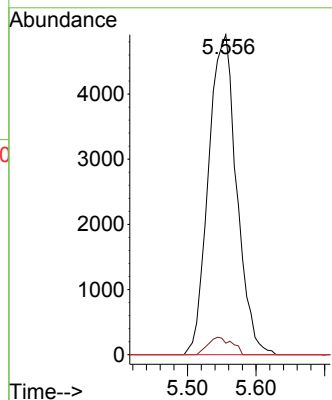
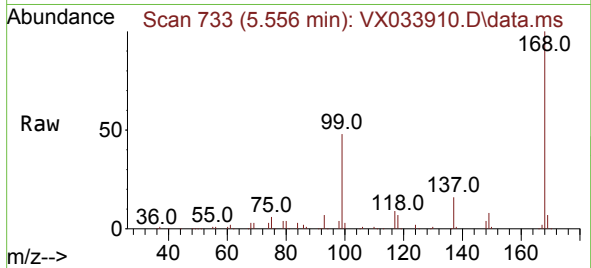
Tgt Ion:117 Resp: 14011

Ion Ratio Lower Upper

117 100

119 3.6 78.0 117.0#

121 0.0 24.4 36.6#



#39

Methylcyclohexane

Concen: 0.362 ug/l

RT: 7.123 min Scan# 990

Delta R.T. -0.256 min

Lab File: VX033910.D

Acq: 26 Jan 2023 15:33

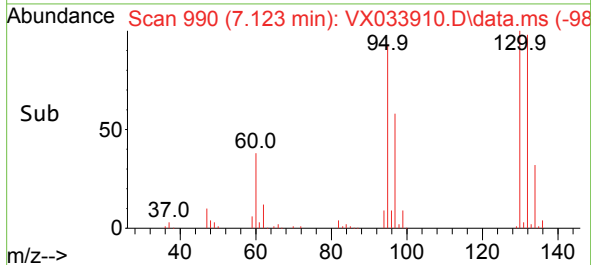
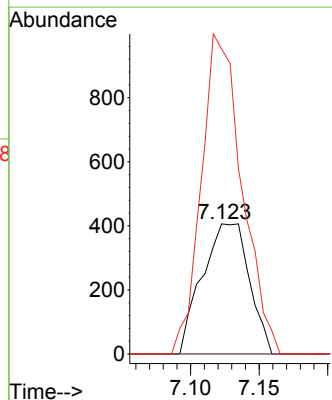
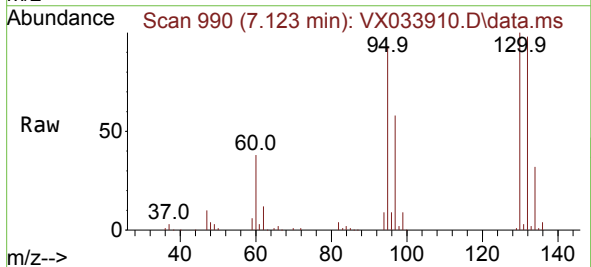
Tgt Ion: 83 Resp: 972

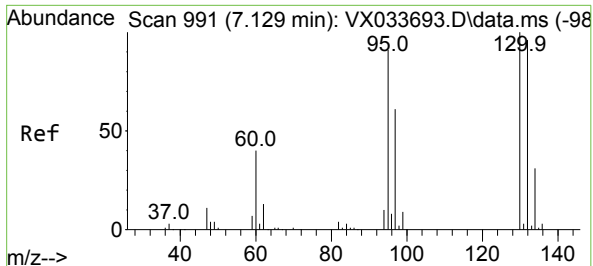
Ion Ratio Lower Upper

83 100

55 0.0 61.8 92.6#

98 234.5 39.3 58.9#

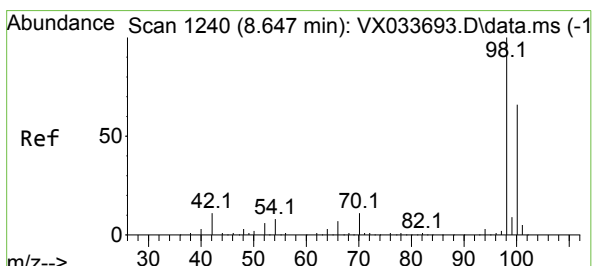
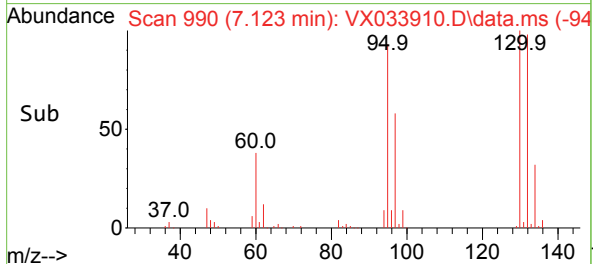
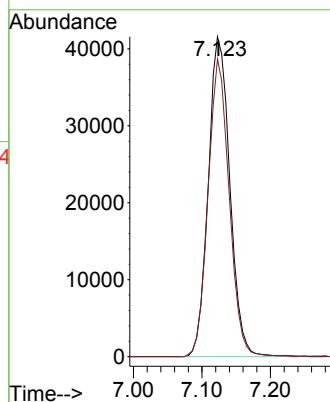
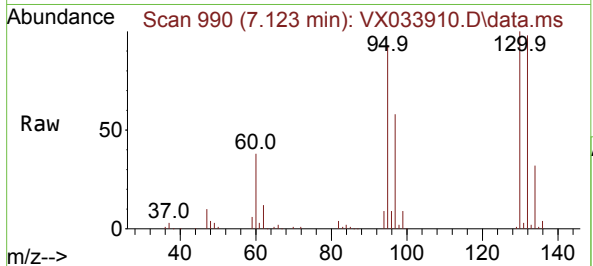




#44
Trichloroethene
Concen: 51.320 ug/l
RT: 7.123 min Scan# 991
Delta R.T. -0.006 min
Lab File: VX033910.D
Acq: 26 Jan 2023 15:33

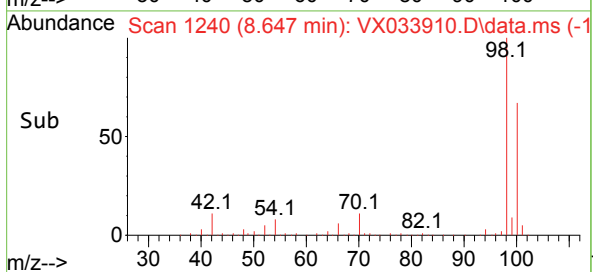
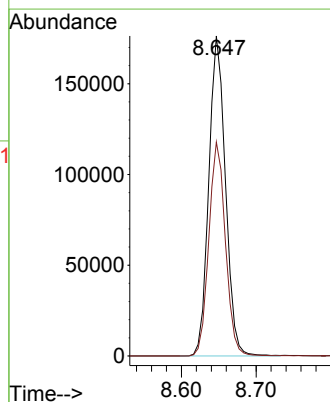
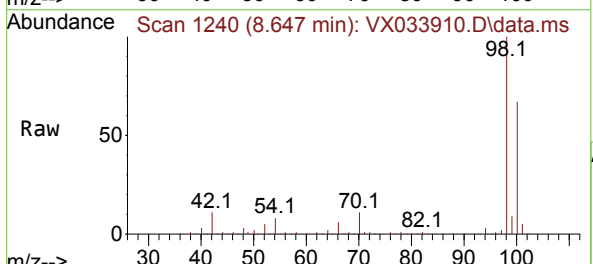
Instrument :
MSVOA_X
ClientSampleId :
LEA-5I

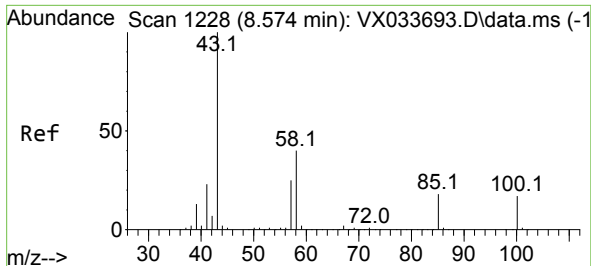
Tgt Ion:130 Resp: 90922
Ion Ratio Lower Upper
130 100
95 93.1 0.0 182.6



#50
Toluene-d8
Concen: 50.246 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX033910.D
Acq: 26 Jan 2023 15:33

Tgt Ion: 98 Resp: 272654
Ion Ratio Lower Upper
98 100
100 66.6 53.6 80.4

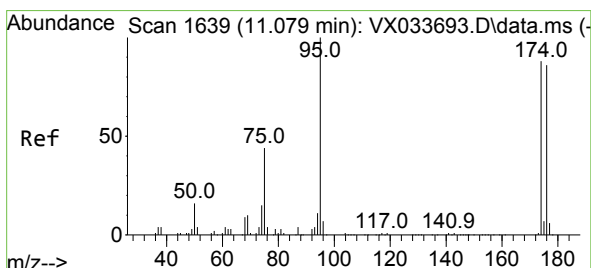
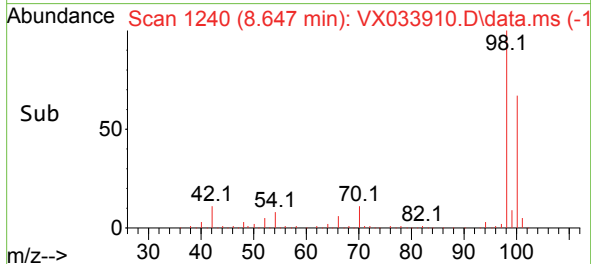
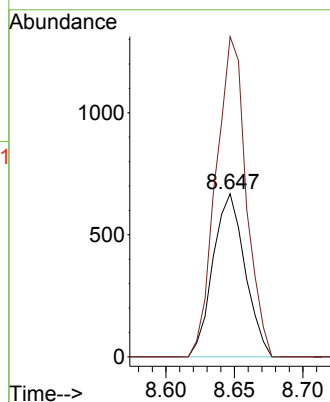
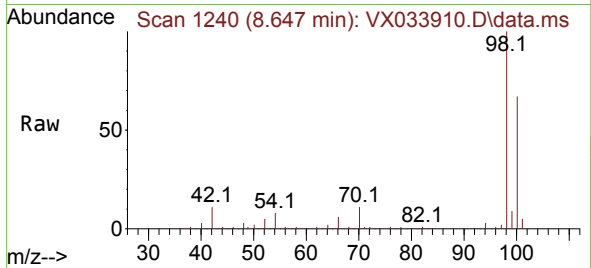




#51
4-Methyl-2-Pentanone
Concen: 0.515 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX033910.D
Acq: 26 Jan 2023 15:33

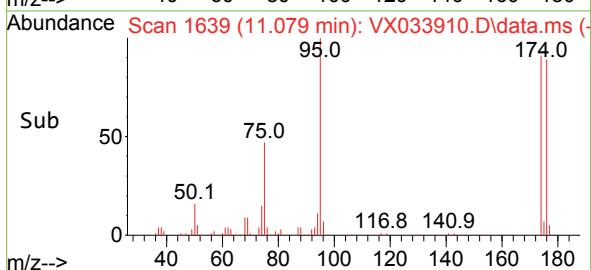
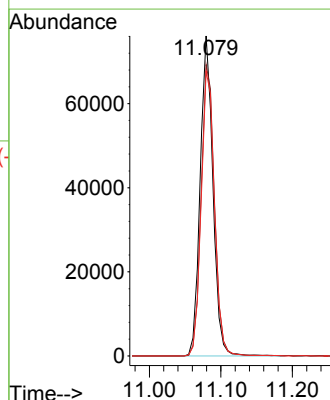
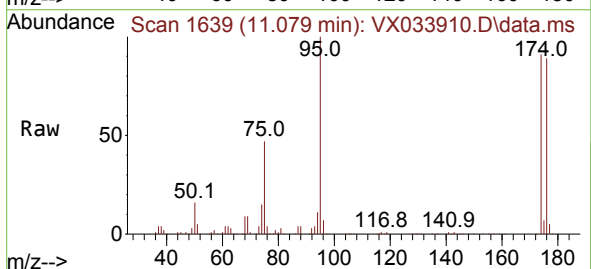
Instrument :
MSVOA_X
ClientSampleId :
LEA-5I

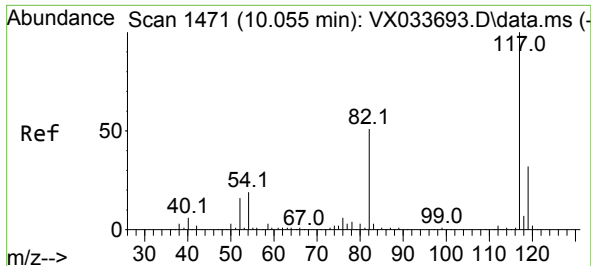
Tgt Ion: 43 Resp: 1085
Ion Ratio Lower Upper
43 100
58 185.9 31.2 46.8#



#62
4-Bromofluorobenzene
Concen: 46.744 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX033910.D
Acq: 26 Jan 2023 15:33

Tgt Ion: 95 Resp: 94177
Ion Ratio Lower Upper
95 100
174 94.9 0.0 184.4
176 92.7 0.0 178.8

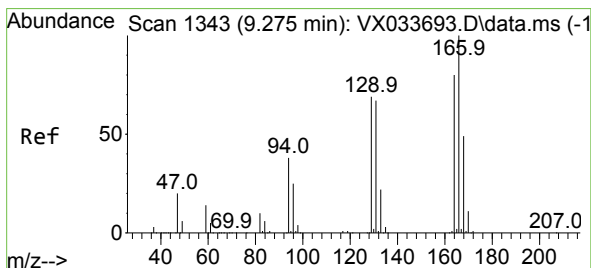
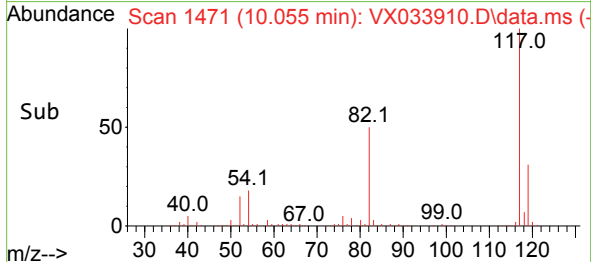
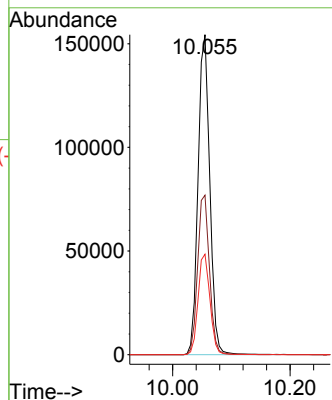
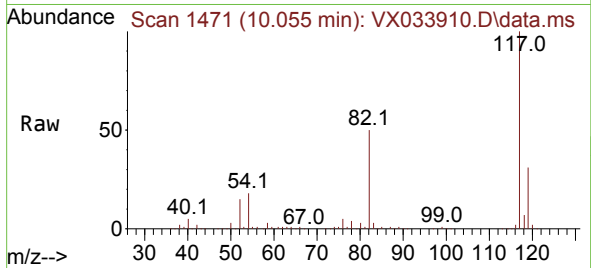




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033910.D
Acq: 26 Jan 2023 15:33

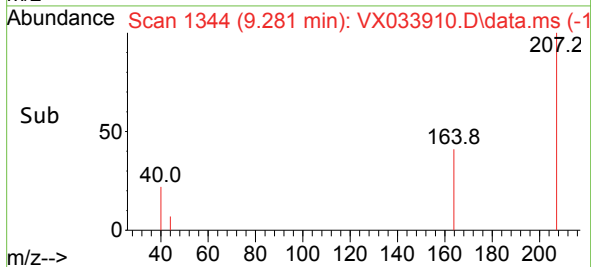
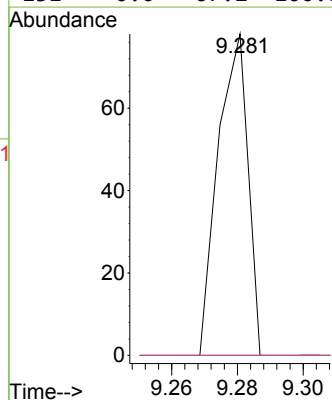
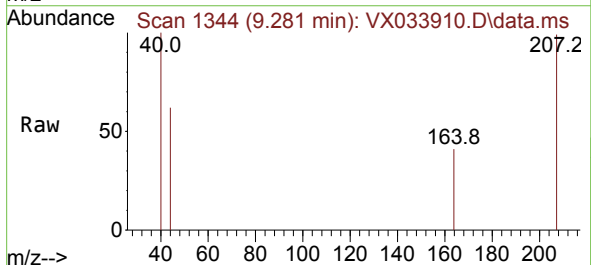
Instrument :
MSVOA_X
ClientSampleId :
LEA-5I

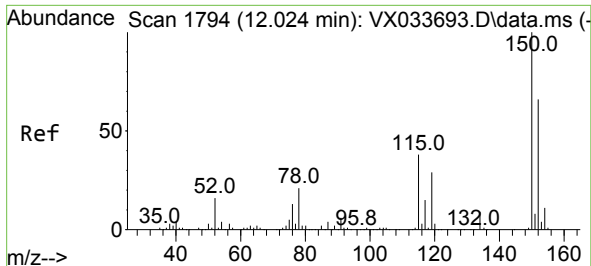
Tgt Ion:117 Resp: 213491
Ion Ratio Lower Upper
117 100
82 49.8 40.6 60.8
119 31.4 25.6 38.4



#64
Tetrachloroethene
Concen: Below Cal
RT: 9.281 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VX033910.D
Acq: 26 Jan 2023 15:33

Tgt Ion:164 Resp: 49
Ion Ratio Lower Upper
164 100
166 0.0 100.2 150.2#
129 0.0 69.2 103.8#
131 0.0 67.2 100.8#

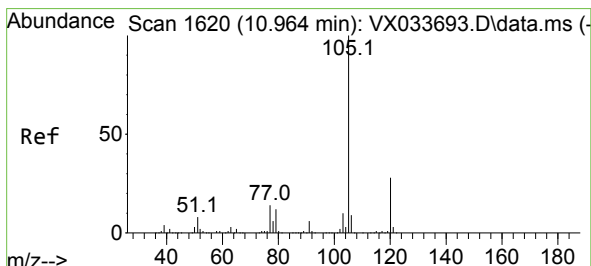
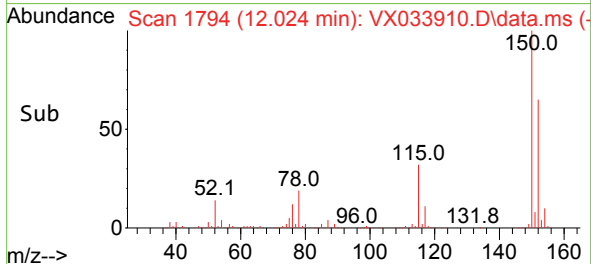
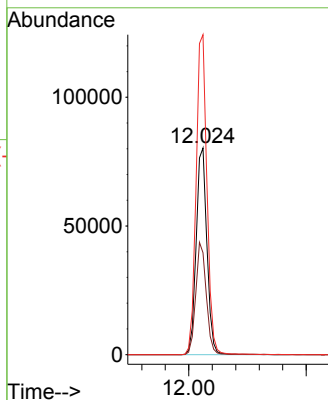
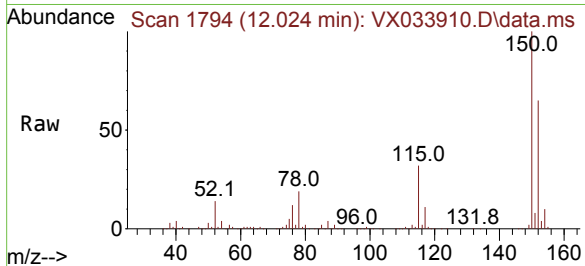




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033910.D
Acq: 26 Jan 2023 15:33

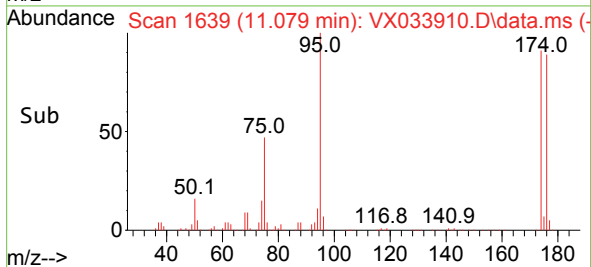
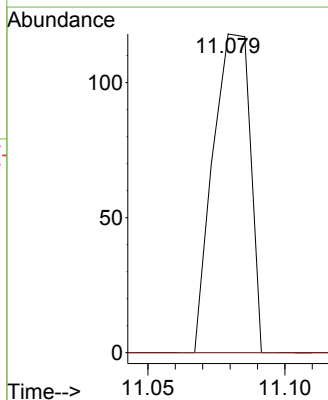
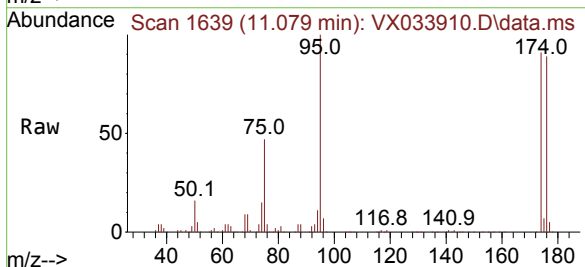
Instrument :
MSVOA_X
ClientSampleId :
LEA-5I

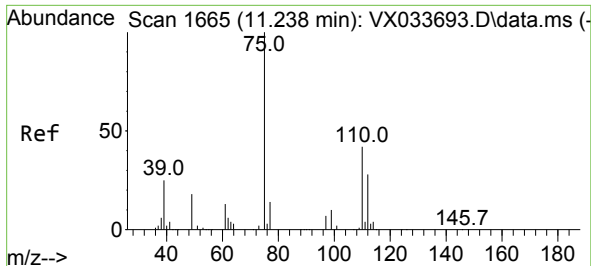
Tgt Ion:152 Resp: 102259
Ion Ratio Lower Upper
152 100
115 53.3 38.7 116.1
150 156.1 0.0 348.2



#73
Isopropylbenzene
Concen: Below Cal
RT: 11.079 min Scan# 1639
Delta R.T. 0.115 min
Lab File: VX033910.D
Acq: 26 Jan 2023 15:33

Tgt Ion:105 Resp: 112
Ion Ratio Lower Upper
105 100
120 0.0 13.6 40.8#

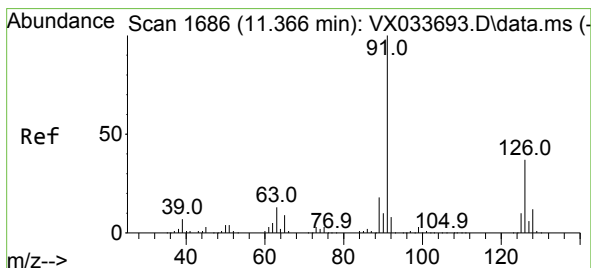
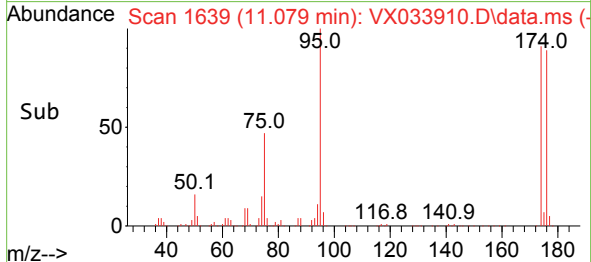
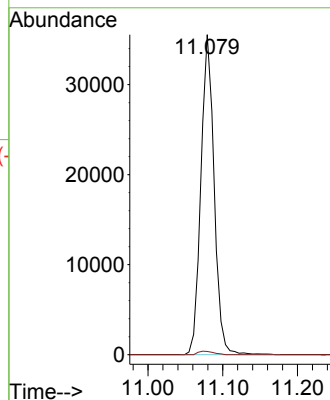
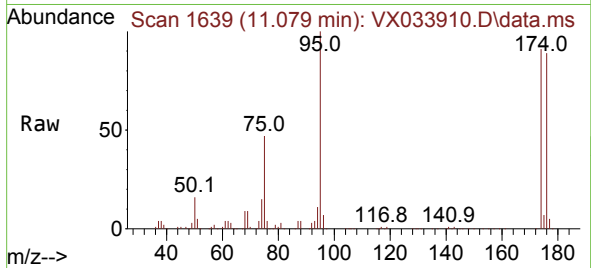




#76
1,2,3-Trichloropropane
Concen: 23.268 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX033910.D
Acq: 26 Jan 2023 15:33

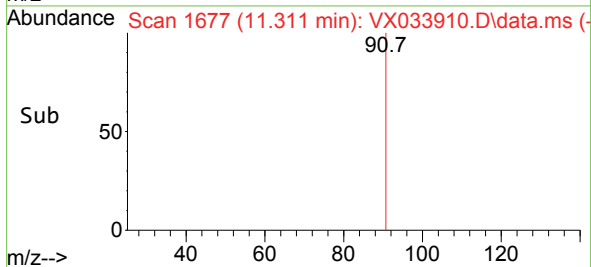
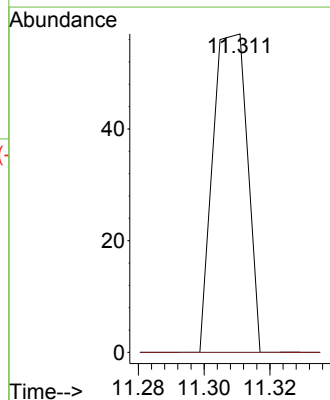
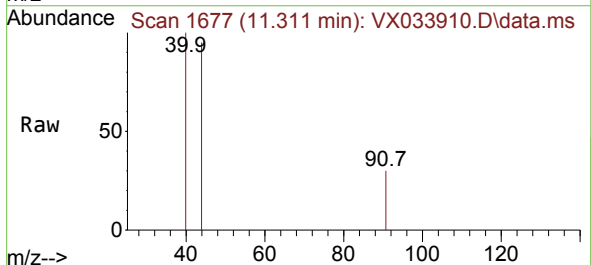
Instrument :
MSVOA_X
ClientSampleId :
LEA-5I

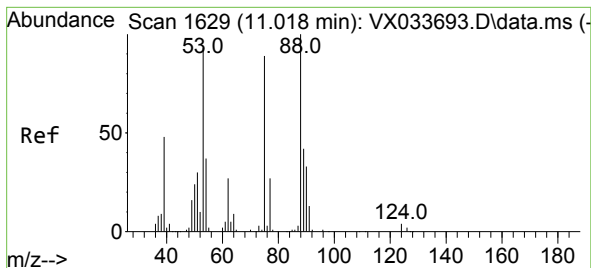
Tgt Ion: 75 Resp: 43717
Ion Ratio Lower Upper
75 100
77 1.3 21.8 65.4#



#79
2-Chlorotoluene
Concen: Below Cal
RT: 11.311 min Scan# 1677
Delta R.T. -0.055 min
Lab File: VX033910.D
Acq: 26 Jan 2023 15:33

Tgt Ion: 91 Resp: 41
Ion Ratio Lower Upper
91 100
126 0.0 18.1 54.1#

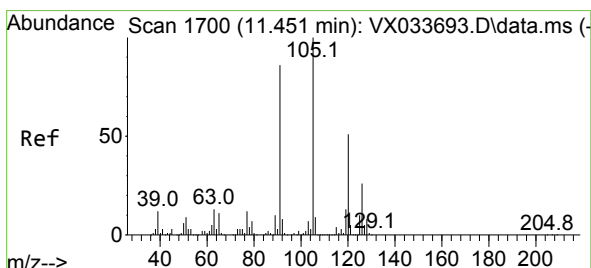
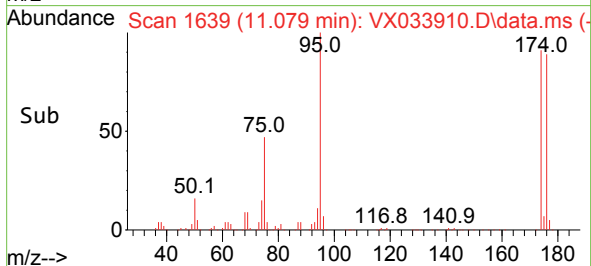
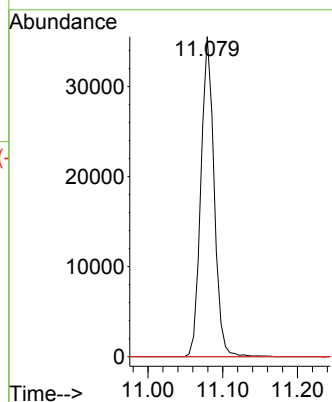
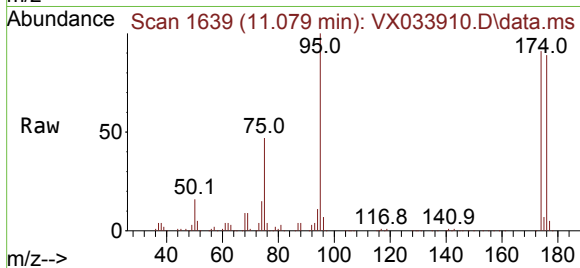




#81
trans-1,4-Dichloro-2-butene
Concen: 72.314 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX033910.D
Acq: 26 Jan 2023 15:33

Instrument :
MSVOA_X
ClientSampleId :
LEA-5I

Tgt Ion: 75 Resp: 43717
Ion Ratio Lower Upper
75 100
53 0.0 83.0 124.6#
89 0.0 37.7 56.5#



#82
4-Chlorotoluene
Concen: Below Cal
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX033910.D
Acq: 26 Jan 2023 15:33

Tgt Ion: 91 Resp: 60
Ion Ratio Lower Upper
91 100
126 0.0 15.8 47.4#

